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tates Government

Department of Energy

DUE
DATE 7-6-92

Jun 12 8 20 AM '92

Rocky Flats Office

ACTION *Kersh*

DIST LTR ENC

BENJAMIN A	
BERMAN, H S	
BRANCH, D B	
BURLINGAME, A H	
CARNIVAL, G J	
COPP, R D	
CROUCHER, D W	
DAVIS, J G	
EVERED, J E	ACT
FERRERA, D W	
GOODWIN, R	
HANNI, B J	
HEALY, T J	
HILBIG, J G	
IDEKER, E H	
KERSH, J M	X
KIRBY, W A	
KRIEG, D	
KUESTER, A W	
LEE, E M	
MAJESTIC, J R	
MARX, G E	
MORGAN, R V	
PIZZUTO, V M	
POTTER, G L	
SANDLIN, N B	
SHEPLER, R L	
SULLIVAN, M T	
SWANSON, E R	
TALLMAN, K G	
WIEBE, J S	
WILKINSON, R B	
WILSON, J M	
YOUNG, E R	
ZANE, J O	

JUN 10 1992

EC&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

ERD BM/SG 6309

OU2 Surface Water IM/IRA SW-59 Collection Point

J E Evered, Director
Environmental Management
EG&G Rocky Flats, Inc

The regulators have brought to our attention an issue with Surface Water station SW-59 as part of the Operable Unit 2 Surface Water Interim Measure/Interim Remedial Action (IM/IRA). There is concern that there has been a change at the source that feeds SW-59 resulting in flow of possibly contaminated seepage water to an area east of SW-59. This concerns the area in the vicinity of the turnaround area east of SW-59 that is used for sampling at wells 3486 and 3586. This area contains standing water, even during dry periods. It is suspected that the source feeding SW-59 has been changed so that flow also occurs to the east of SW-59. This needs to be addressed as part of the IM/IRA as well as the OU2 Remedial Investigation.

It was noted last year to your staff that traffic in areas adjacent to SW-59 was making a wet area just upgradient of SW-59. In response to this, a concrete barricade was placed to keep traffic from driving by SW-59. Currently, the barrier has been moved aside and vehicles can drive over the source feeding SW-59. The traffic appears to have changed the flow regime of the source feeding SW-59. As a result, an area of land is apparently receiving contaminated water seepage. Verification and corrective actions need to be undertaken in a timely manner so that we can get back to the EPA and CDH. There is also a question about the statement on page 3-17 of the Final OU2 GAC Treatability Report about "the presence of a discolored seep below SW-61."

This also concerns the Remedial Investigation (RI) that is currently underway. It has verbally been brought to the attention of the RI manager that the RFI/RI Work Plan does not specifically address characterization of this source. Failure to adequately characterize the source of the contaminated water feeding SW-59 during the RI period will leave us with insufficient information to propose a final remedy. There have been indications from your staff that non-intrusive methods are being evaluated to characterize the source. However, in light of the current EPA and CDH concern about SW-59 with respect to the IM/IRA and our concern about adequate characterization for developing a final remedy, your staffs will need to coordinate in order to address these issues in a timely manner.

CORRES CONTROL
TRAFFIC

Reviewed for Addressee
Corres. Control RFP

6-11-92 *Ci*

DATE BY

Ref Ltr #

ADMIN RECORD

A-0002-0003-7

J E Evered
ERD BM/SG 6309

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JUN 10 1992

Please provide us with a plan to address these issues and the question about the seep below SW-61 within three weeks of receipt of this memorandum. If you have any questions, please contact Britt McCarthy or Scott Grace of my staff at extension 7199



Frazer R. Lockhart
Director
Environmental Restoration Division

cc

A Rampertaap, EM-453
J Lehr, AMEM, RFO
F Hobbs, EG&G
E Dille, EG&G
T Greengard, EG&G
G Anderson, EG&G
D Pontius, EG&G